

[CLAIMS]

What is claimed is:

1. (Amended) Electromagnetic deflection unit for colour cathode-ray tubes, comprising a pair of frame deflection coils and a pair of line deflection coils, at least one of the two pairs having the shape of a saddle, each saddle-shaped deflection coil [(3)] extending along a longitudinal axis Z and having a rear bundle [(19)] on the side facing the electron gun and a front bundle [(29)] on the side facing the screen, having a window [(18)] in an intermediate region lying between these said bundles, two lateral harnesses of conductors [(120)] connecting the front bundle to the rear bundle, each lateral harness comprising a plurality of groups of conductors, [characterized in that] wherein the external edge [(121)] of the lateral harness of at least one pair of saddle-shaped coils lies in a radial angular position greater than 5° at least in the front part [(22)] of the coil.

2. (Amended) Deflection unit according to [the preceding claim] Claim 1, [characterized in that] wherein the saddle-shaped coils are the vertical deflection coils.

3. (Amended) Deflection unit according to Claim 2, [characterized in that] wherein the 7th-order harmonic of the potential created by the vertical deflection coils is positive at the front of the said coils.

4. (Amended) Deflection unit according to [one of the preceding claims] Claim 1, [characterized in that] wherein along the Z axis the external edge of the lateral harness remains in a radial angular position close to 0° as far as a point lying within the intermediate region.

5. (Amended) Deflection unit according to [the preceding claim] Claim 3, [characterized in that] wherein the region in which the external edge of the lateral harness remains in a radial angular position close to 0° is equal to or greater than two thirds of the length along Z of the deflection coil.

6. (Amended) Deflection unit according to [either of the preceding Claims 4 and 5] Claim 4, [characterized in that] wherein the external edge of the lateral harness in the front part of the coil remains in an approximately constant radial angular position.

[7. Cathode-ray tube which includes a deflection unit according to any one of the preceding claims.]

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